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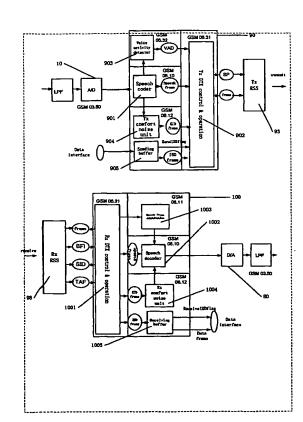
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(54) Title: METHOD AND APPARATUS FOR TRANSFERRING NON-SPEECH DATA IN VOICE CHANNEL



(57) Abstract: A method is proposed for a mobile terminal in mobile communication systems to transfer non -speech data in voice channel, comprising steps of: encapsulating the non -speech data to be sent to another mobile terminal into IBD frames; storing said IBD frames in a buffer; detecting whether a speech burst sent to said another mobile terminal is over; checking whether there is non-speech data to be sent to said another mobile terminal if detecting that said speech burst is over; sending at least one non -speech data to said another mobile terminal via voice channel if there is non -speech data to be sent. By modifying the SID frame and silence speech frame, this method realizes transmission of non -speech via voice channel rather than via dedicated data channel, so as to save radio resources of the system.





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